Title: METHOD, APPARATUS AND PROGRAM STORAGE
DEVICE FOR PROVIDING PROTRUSION FEEDBACK
FOR A READ/WRITE ELEMENT
Applicants: Mike Suk
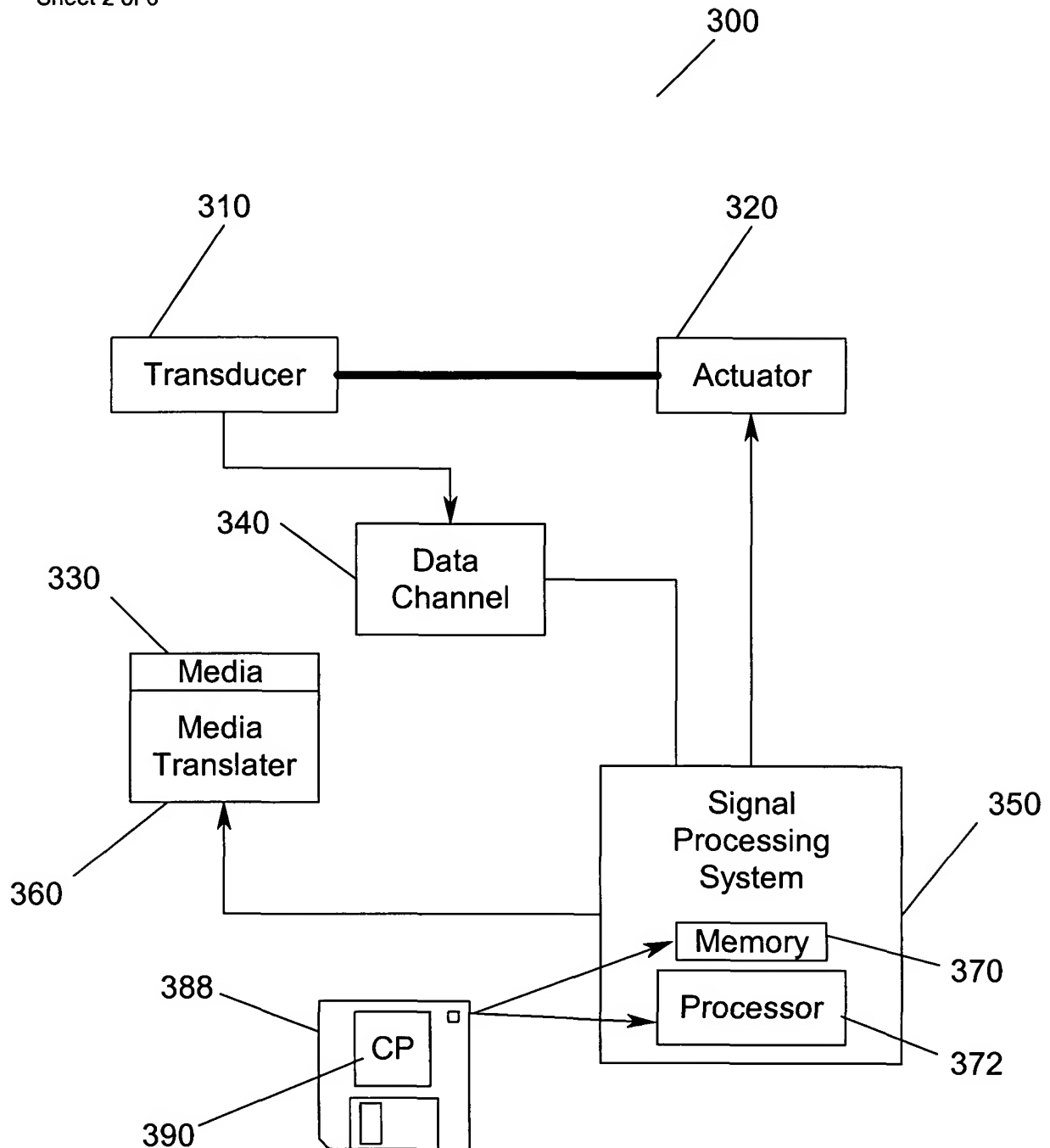Docket: HSJ920030101US1/HITG.038PA
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FIG. 1

FIG. 2

TTitle: METHOD, APPARATUS AND PROGRAM STORAGE
DEVICE FOR PROVIDING PROTRUSION FEEDBACK
FOR A READ/WRITE ELEMENT
Applicants: Mike Suk
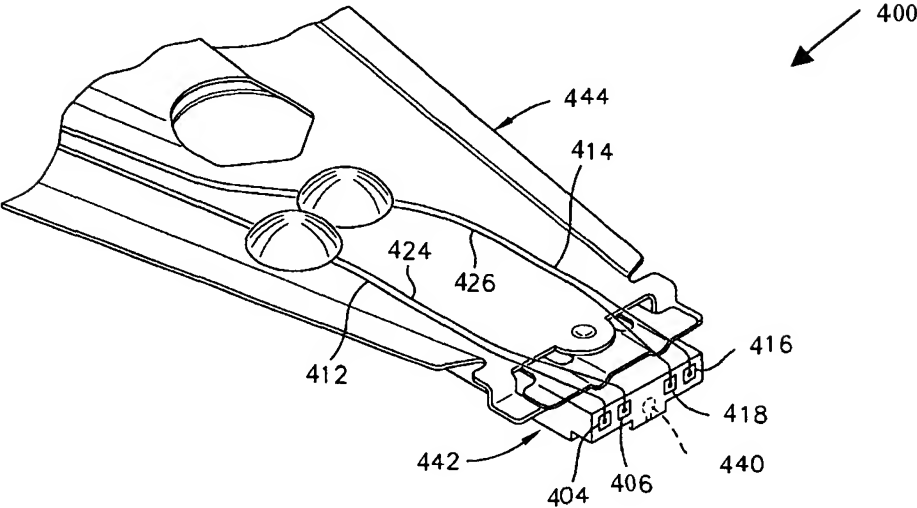Docket: HSJ920030101US1/HITG.038PA
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Fig. 3

Title: METHOD, APPARATUS AND PROGRAM STORAGE
DEVICE FOR PROVIDING PROTRUSION FEEDBACK
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Fig. 4
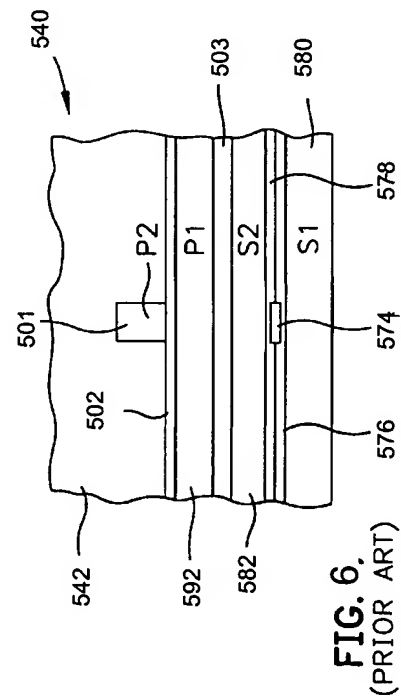
Title: METHOD, APPARATUS AND PROGRAM STORAGE
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FOR A READ/WRITE ELEMENT
Applicants: Mike Suk
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FIG.5
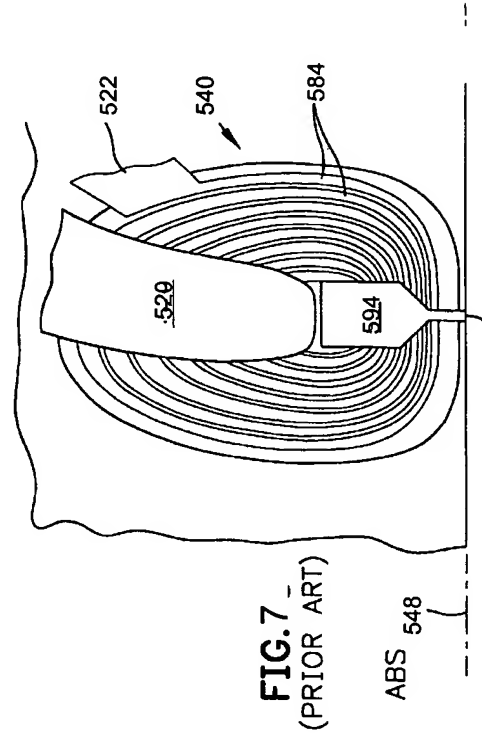(PRIOR ART)

FIG.7
(PRIOR ART)

FIG. 6.
(PRIOR ART)

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FOR A READ/WRITE ELEMENT
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800

890

835

837

839

850

841

831

843

846   **844**   **849**   **847**   **845**

851
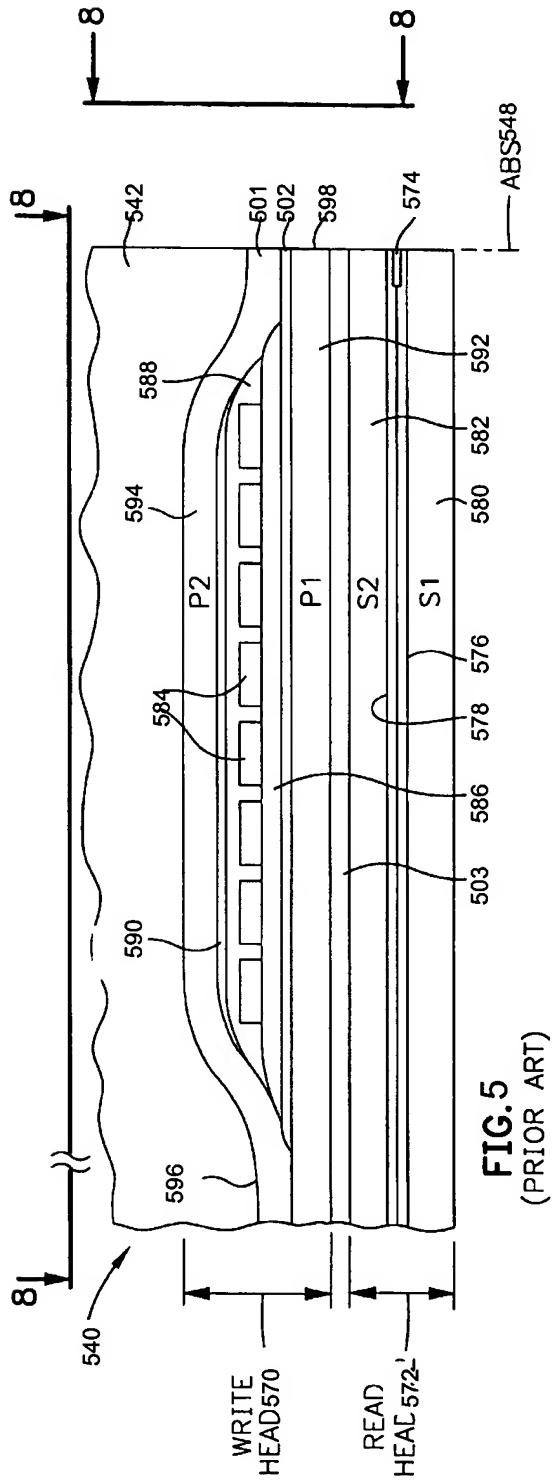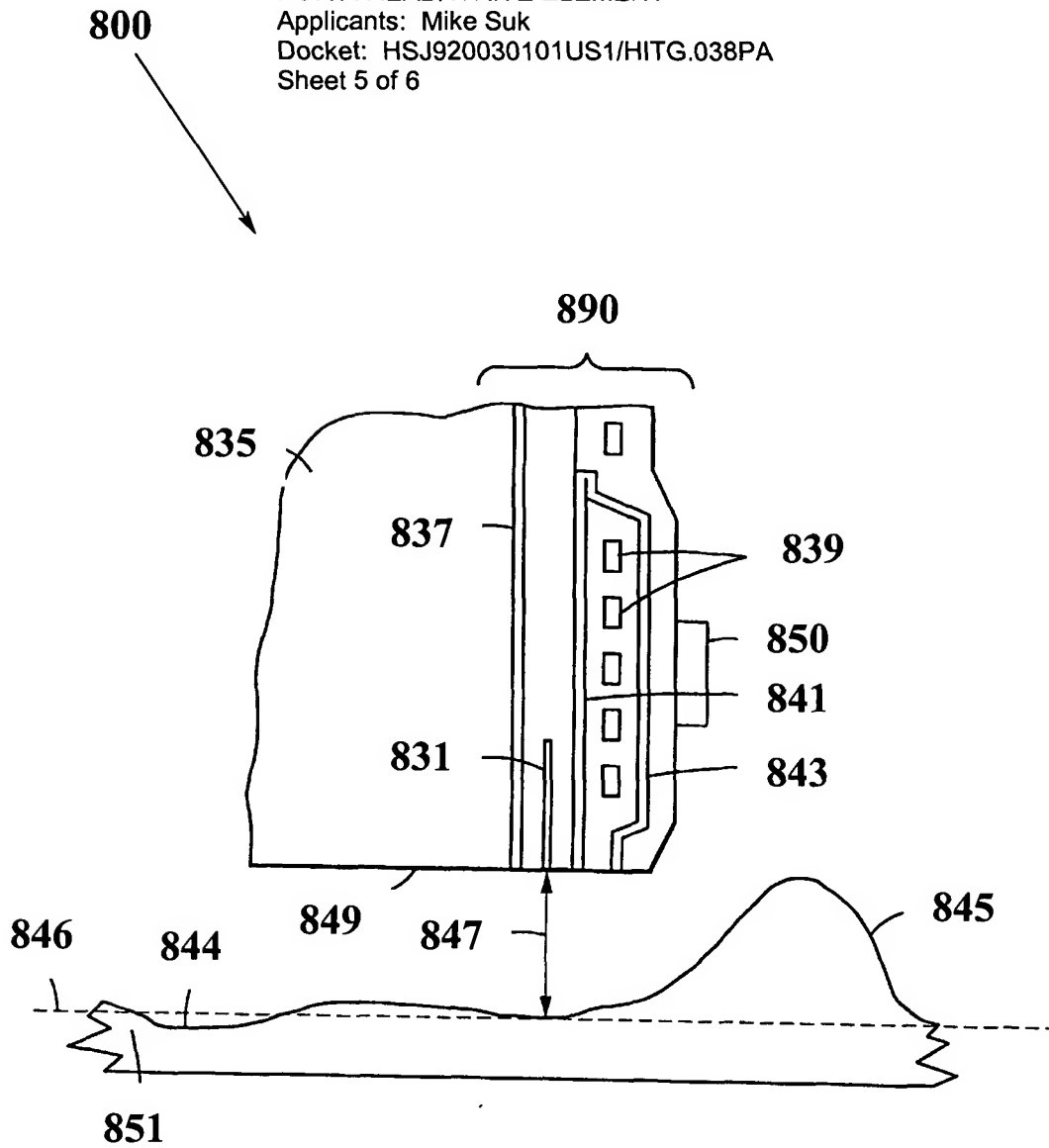
Fig. 8

900

Title: METHOD, APPARATUS AND PROGRAM STORAGE
DEVICE FOR PROVIDING PROTRUSION FEEDBACK
FOR A READ/WRITE ELEMENT
Applicants: Mike Suk
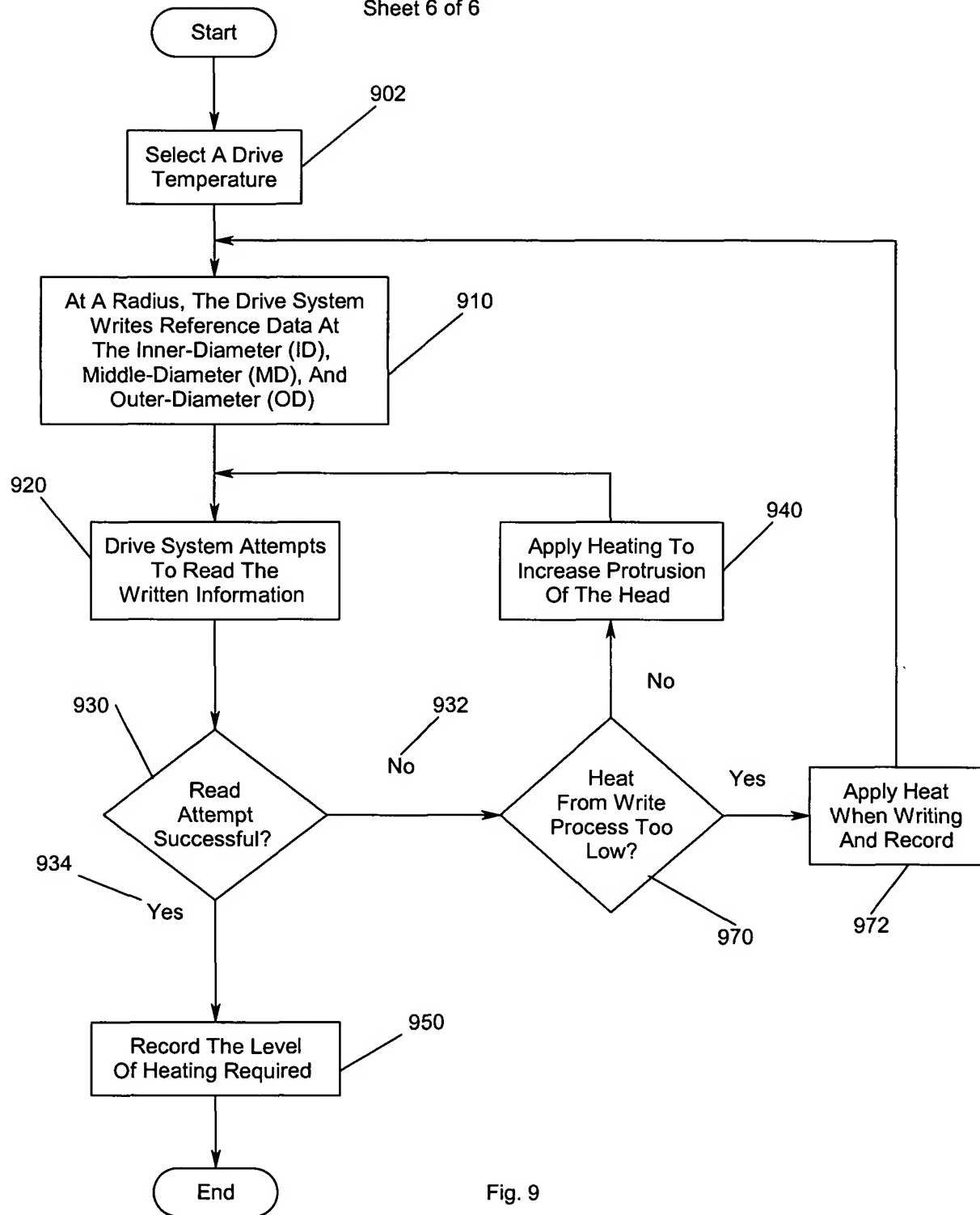Docket: HSJ920030101US1/HITG.038PA
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Start

Select A Drive
Temperature — 902

At A Radius, The Drive System
Writes Reference Data At
The Inner-Diameter (ID),
Middle-Diameter (MD), And
Outer-Diameter (OD) — 910

920

Drive System Attempts
To Read The
Written Information

Apply Heating To
Increase Protrusion
Of The Head — 940

930

No — 932

No

Read
Attempt
Successful?

Heat
From Write
Process Too
Low?

Yes

Apply Heat
When Writing
And Record

934

Yes

970

972

Record The Level
Of Heating Required — 950

End

Fig. 9